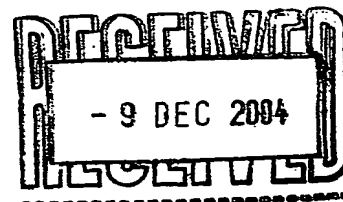


PATENT COOPERATION TREATY
PCT
INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference P100653	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/SG2004/000352	International filing date (<i>day/month/year</i>) 25 October 2004	(Earliest) Priority Date (<i>day/month/year</i>) 29 October 2003
Applicant AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II).

3. ☐ Unity of invention is lacking (See Box No. III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☒ none of the figures is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000352

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: C12Q 1/00, 1/18, 1/26, 1/54, G01N 33/543, 27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASE BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN, WPAT & JAPIO (Search terms: redox polymer, acrylic, oxide, enzyme)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 922 183 A (RAUH) 13 July 1999 See column 4 lines 13-40 and the Examples	1-24
X	US 5 922 537 A (EWART et al.) 13 July 1999 See column 4 line 66 to column 6 line 4.	1-24
X	BU et al., "Modification of Ferrocene-containing Redox Gel Sensor Performance by Copolymerisation of Charged Monomers", <i>Analytical Chemistry</i> , Vol. 68, No. 22 (1996) pages 3951-3957. See whole document	25-45
X	BU et al., "NAD(P)H Sensors Based on Enzyme Entrapment in Ferrocene-containing Polyacrylamide-based Redox Gels", <i>Analytical Chemistry</i> , Vol. 70, No. 20 (1998) pages 4320-4325. See whole document	25-45

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
24 November 2004Date of mailing of the international search report
- 1 DEC 2004Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000352

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 341 881 A (KRACLLAUER et al.) 27 July 1982 See column 2 lines 54-55 and claim 8	25-31
A	WO 1999/017115 A (MERCURY DIAGNOSTICS, INC.) 8 April 1999 See whole document	1, 25
A	US 6 245 215 A (DOUGLAS et al.) 12 June 2001 See whole document	1, 25
A	US 6 618 934 A (FELDMAN et al.) 16 September 2003 Whole document	1, 25
A	US 6 485 703 A (COTE et al.) 26 November 2002 Whole document	1, 25
A	US 5 264 104 A (GREGG et al.) 23 November 1993 Whole document	1, 25

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000352

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	4341881	CA	1101582		
WO	9917115	AU	95952/98	EP	1025439
		US	6245215	US	2002020632
US	6618934	AU	64208/99	CA	2346415
		EP	1119637	US	6299757
		US	6461496	US	6591125
		US	2003199744	US	2004054267
		WO	0020626	CA	2351796
				US	6338790
				US	6592745
				US	2004060818
US	6485703				
US	5264104	AU	38155/93	AU	39274/93
		US	5262035	US	5264105
		WO	9323744	WO	9323748
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					

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